

CLAIM AMENDMENTS:

Please cancel Claim 1-72, 74, 75, and 77-81, and amend Claim 73 as follows:

1.-72. (Cancelled)

73. (Currently Amended) A radiation image pickup apparatus comprising:

a photoelectric conversion circuit section having a pixel group comprising a plurality of pixels each including a photoelectric conversion element and a switching element of an amorphous semiconductor, and a plurality of signal wires ~~[[are]]~~ arranged over an insulating substrate in order to output parallel signals from the pixel group;

a first switch connected to the signal wires to reset the signal wires;

a wavelength converter for converting a radiation into light which can be sensed by the photoelectric conversion element; and

a reading circuit section for converting the parallel signals transferred through said signal wires to serial signals to output the serial signals,

wherein the reading circuit section has at least one analog operational amplifier connected to each signal wire and includes a function for reducing its power consumption based on an external signal, a first capacitor element being connected in series to an output terminal of the analog operational amplifier for passing through only an alternating component, a second switch for DC restoration of the first capacitor element, a third switch for sampling the parallel signal amplified by the analog operational amplifier and outputted through the first capacitor element, a second capacitor element for holding the parallel signal transferred through the third

switch, and a fourth switch for reading the parallel signal from the second capacitor element as the serial signal sequentially, and

wherein after the output signal outputted through the first capacitor element from the analog operational amplifier is sampled and held through the third switch by the second capacitor element, the first switch resets the signal wire of the operational amplifier, and the second switch is turned on together with the first switch simultaneously, and is turned off with a delay after turning off the first switch.

the analog operational amplifier includes a function for reducing its power consumption based on an external signal;

74.-75. (Cancelled)

76. (Previously Presented) The radiation image pickup apparatus according to Claim 73, wherein the analog operational amplifier has a controllable amplification ratio.

77.-81. (Cancelled)